

**Notice of Allowability**

Application No.

10/757,592

Examiner

Ismael Izaguirre

Applicant(s)

KIM, CHUNG-SIK

Art Unit

3765

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 1/15/04.
2. ☒ The allowed claim(s) is/are 1-5.
3. ☒ The drawings filed on 15 January 2004 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
  - \* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

## **COMMENTS**

### ***Reasons For Allowance***

The following is an examiner's statement of reasons for allowance: claim 1 defines a device for generating a loop for file in an embroidery frame. The device comprises a fore-back driving part driven by a motor and first, second and third gears movable relative to each other and connected to a worm gear and including first and second stops. A left-right driving part is provided driven by a motor and fourth and fifth gears movable relative to each other and connected to the worm gear. A lead arm part connected to the fifth gear shaft and including a second stop bar and lever stoppers for forming a loop during the embroidery. The dependent claims further limit the device for forming a loop in and embroidery of the independent claim.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Pertinent Citations***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Inagaki et al. illustrates an overlock sewing machine including multiple motors for moving loopers to and fro for forming stitches. Baxter illustrates a blind stitch sewing machine including two motors 26 and 36 for driving loopers and laying threads during stitching. Rubel illustrates a thread looper 15 and a rotatable loop spreader 16 cooperating for forming stitches. Hickey illustrates a sewing machine for forming overcastting and includes a bed attachment for moving a thread spreader 22 in

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an arc. Kato illustrates a sewing machine including a thread-laying guide bar 26, which is rotated about the needle for forming embroidery stitching. Bialy illustrates a presser foot including a loop-supporting member 30 for forming loops during a sewing operation. Kostenowczyk illustrates a sewing machine with cooperating loop spreader 12 for pulling the thread and assuring correctly formed stitches.

### ***INQUIRIES***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mr. Ismael Izaguirre located in CP2-4B18 whose telephone number is (703) 308-0892. The examiner can normally be reached on Monday to Friday from 9:30 to 6:00.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0861.



**Ismael Izaguirre  
Primary Examiner  
Group Art Unit 3765**

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9/20/04